

Well Driller Report and Well Log



THIS REPORT MUST BE FILED WITHIN 30 DAYS OF COMPLETING THE WELL.

PLEASE PRINT CLEARLY USING BLACK OR BLUE INK

FILE NUMBER

A(2-2) 13 CCC

WELL REGISTRATION NUMBER

55 - 225698

PERMIT NUMBER (IF ISSUED)

	ON 1. DRILLING AUTHORIZA	TION								
Drilling										
	NAME		DWR LICENSE NUI	MBER	I I I	RECEIVED				
ö	YELLOW JACKET DRILLING SE	RVICES, LLC	78							
=	ADDRESS		TELEPHONE NUME	BER						
Mail To:	P.O. BOX 801		602-453-3252			FEB -	1 2016			
_	CITY / STATE / ZIP		FAX		No.					
	GILBERT, AZ, 85299-0801				AF	RIZONA DE	EPARTMEN	T		
SECT	ON 1. REGISTRY INFORMAT	ON			0	- WATEK P	CENUUCE.	· • · · · · · · · · · · · · · · · · · ·		
Well C	Owner		Location of V							
FULL NA	ME OF COMPANY, ORGANIZATION, OR INDIV	IDUAL	WELL LOCATION AD		_					
ARIZO	NA DEPARTMENT OF ENVIRONME	ENTAL QUALITY	2600 W	· Came	LOGICK PC	ال.				
MAILING	ADDRESS		TOWNSHIP (N/S)	RANGE (EM	SECTION	160 ACRE	40 ACRE	10 ACRE		
1110 V	V. WASHINGTON STREET		2N	28	13	SW1/4	SW 1/4	SW1/4		
CITY / ST	ATE / ZIP		LATITUDE			LONGITUDE		-6		
PHOEN	NIX, AZ, 85007		33	30	3.5 ^N	112	06	59 "		
CONTAC	T PERSON NAME AND TITLE		METHOD OF LATITU	JDE/LONGITUDE (CHECK ONE)		*GPS: Hand	I-Held		
Davi	David Pettigrew, Project Divector TELEPHONE NUMBER TELEPHONE NUMBER			p [Conventional Survey		*GPS: Surve			
TELEPHO	ONE NUMBER FAX	DIVEOTOR	USGS Quad Mag							
602 77			Feet Above Sea Level							
WELL NA	ME (e.g., MW-1, PZ-3, lot 25 Well, Smith Well, e	tc.)	METHOD OF ELEVA	-	F)		*GPS: Hand	LHold		
		,								
MM	1-6		USGS Quad Map	P L	Conventional Survey		*GPS: Surve	ey-Grade		
			*IF GPS WAS USED	, GEOGRAPHIC CO	OORDINATE DATUM (CHECK ONE)				
			NAD-83	Other (please specif	v)					
				(1)		PARCEL ID NUM	IDED (MOST DE	CENT		
			COUNTY		BOOK	I MAP		RCEL		
			marico	DA.	153	27		003A		
SECT	ION 3. WELL CONSTRUCTION	J DETAILS		F						
	g Method		ell Development		Method of S	Sealing at F	Reduction	Points		
CHECK		CHECK ONE			CHECK ONE					
☐ Air f	Rotary	☐Airlift			None					
	ed or Augered	□Bail			Packed					
Cab	49 To 1 To	☐ Şurge Block			Swedged	wedged				
	Rotary	Surge Pump			□Welded	-				
Mud	-	Other (please	snecify)		Other (plea	er (please specify)				
	erse Circulation		opcony)			,,,				
Drive		Condition of	Well		Construction	struction Dates				
Jette		CHECK ONE			DATE WELL CON	STRUCTION ST	ARTED			
	Percussion / Odex Tubing			1/21/1	121/16					
	er (please specify)	☐ Capped☐ Pump Installe	od.			WELL CONSTRUCTION COMPLETED				
	(1-200 500.))				1/22/	160				
					1,70-7					
	that this notice is filed in compliance	with A.R.S. & 45-596 and is	s-complete and corre	ect to the best	of mv knowledae	and belief.				
I state	inat tins notice is med in compilance									
					DATE	,				
	EE OF QUALIFYING PARTY					/11-				

Well Driller Report and Well Log

WELL REGISTRATION NUMBER 55 - 225698

SECTION 4.	WELL CONSTRUC	TION DESIGN (AS BUI	LD) (atta	ach additional page if needed)	
Depth						
DEPTH OF BORING	118	Feet Below Land S		DEPTH OF C	OMPLETED WELL 118	Feet Below Land Surface
Water Level	Information					
STATIC WATER LEVEL		DATE MEASURED	TIME ME	ASURED	IF FLOWING WELL, METHOD OF FLOW REGULATION	
+1-97	Feet Below Land Surface	1/22/16	PY	n	☐ Valve ☐ Other:	

	Boreh	ole						In	stalled Casi	ng						
DEF FR	HTY MC		FR	PTH OM FACE			MATER I	IAL TYI	PE (T)		PERF	ORATIO	IYT NC	PE (T)	
FROM (feet)	TO (feet)	BOREHOLE DIAMETER (inches)	FROM (feet)	TO (feet)	OUTER (inches)	STEEL	PVC	ABS	IF OTHER TYPE, DESCRIBE	BLANK OR NONE	WIRE WRAP	SHUTTER SCREEN	MILLS KNIFE	SLOTTED	IF OTHER TYPE, DESCRIBE	SLOT SIZE (inches)
0	118	10	0	88	4		X			×						
			98	118	4		×							X		.020
													- 9			
			-													Tank Sand

									Installed Annular Material				
DEPTH	FROM							ANNU	JLAR MATERIAL TYPE (T)		FILTER PACK		
	FACE			~	ш	В	ENTO	NITE					
FROM (feet)	TO (feet)	NONE	CONCRETE	NEAT CEMENT OR CEMENT GROUT	CEMENT-BENTONITE GROUT	GROUT	CHIPS	PELLETS	IF OTHER TYPE OF ANNULAR MATERIAL, DESCRIBE	SAND	GRAVEL	SIZE	
0	81				X	- '					7		
81	88						X						
85	118									×		8-12	
		4											

WELL REGISTRATION NUMBER 55 - 225698

SECTION 5. GEOLOGIC LOG OF WELL										
DEPTH FROM (feet)		Description Describe material, grain size, color, etc.	Check (T) every interval where water was encountered (if known)							
0	118	Silty clays w) gravels								
		0 0 7 0								
,										
	*									

Well Driller Report and Well Log

WELL REGISTRATION NUMBER 55 - 225698

SECTION 6. WELL SITE PLAN						
NAME OF WELL OWNER	COUNTY ASSESSOR'S PARCEL ID NUMBER (MOST RECENT)					
	воок	MAP	PARCEL			
ARIZONA DEPARTMENT OF ENVIRONMENTAL QL	153	27	003A			

- Please draw the following: (1) the boundaries of property on which the well was located; (2) the well location; (3) the locations of all septic tank systems and sewer systems on the property or within 100 feet of the well location, even if on neighboring properties; and (4) any permanent structures on the property that may aid in locating the well.
- Please indicate the distance between the well location and any septic tank system or sewer system.

			W E
			1" = ft
			5

Arizona Department of Water Resources
Water Management Division
P.O. Box 36020 Phoenix, Arizona 85067-6020

Notice of Intent to Dril, Deepen, or Modify a

\$150 FEE

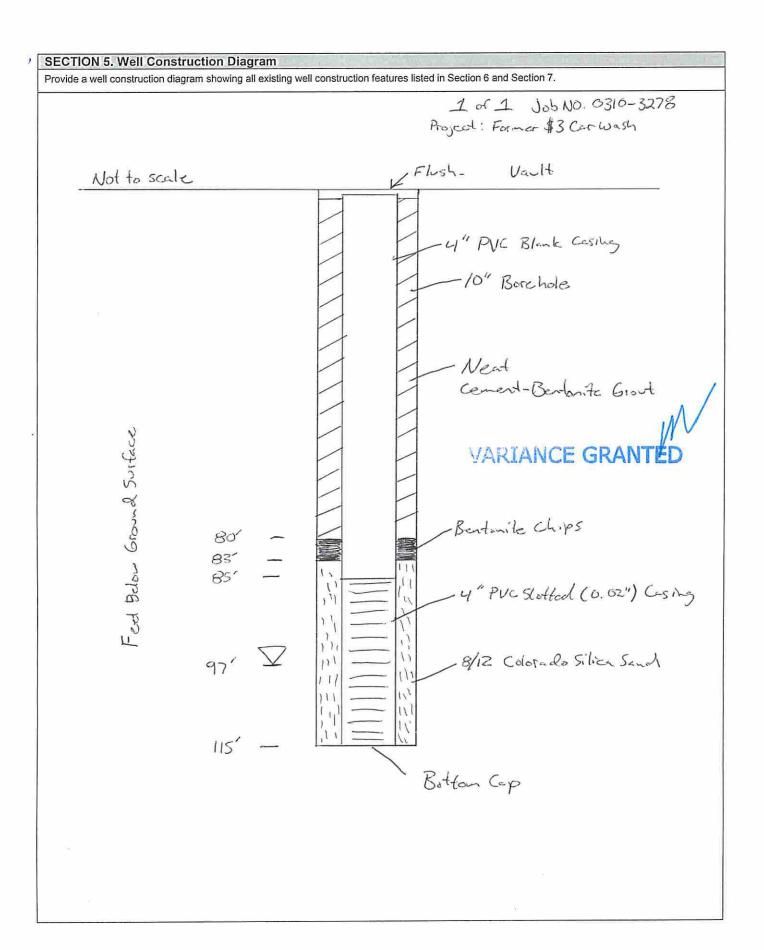
(602) 771-8500 • (602) 771-8690 • www.azwater.gov	ARIZONA DEPARTMEN / Piezometer / Environmental Well
Review instructions prior to completing form in black of You must include with your Notice: \$150 check or money order for the filing fee. Well construction diagram, labeling all specification Section 6 and Section 7. Authority for fee: A.R.S. § 45-596 and A.A.C. R12-1	received date ws well registration number to the state of
SECTION 1. REGISTRY INFORMATION To determine the location of well, please refer to the Well Registry I http://www.earthpoint.us/Townships.aspx)	Map (<u>https://qisweb.azwater.qov/WellRegistry/Default.aspx</u>) and/or Google Earth
Well Type Proposed Action	Location of Well

Authority for fee: A.R.S. § 45-596 and A.A.C. R12-15-104.									
SECTION 1. REGISTRY IN	FORMATION								
To determine the location of well, please (http://www.earthpoint.us/Townships.ass	e refer to the Well Registry Map (https://	://aisweb.	azwater.qc	ov/WellRegistry/Default.aspx) and/	or Google Earth				
	Proposed Action		Location of Well						
	CHECK ONE		WELL LOCATION ADDRESS (IF ANY)						
	Drill New Well			2600 W. Camelb	ack Rd				
Piezometer	Deepen		TOWNSHII	P(N/S) RANGE (E/W) SECTION	160 ACRE 40 ACRE	10 ACRE			
New York Co. No. 19	ACTUAL TOTAL		21	V 2E 13	SW 1/4 SW 1/4	SW 1/4 .			
☐ Vadose Zone			COUNT	Y ASSESSOR'S PARCEL ID NUM	34000	74			
Air Sparging	WELL REGISTRATION NUMBER			22 9		003A .			
Soil Vapor Extraction	(if Deepening or Modifying)		воок	S SEC S SECTION NO.	T PARCEL V	50371			
Other (please	55 -		COUNT	Y WHERE WELL IS LOCATED	0 -				
specify):			L	Marico	pa				
SECTION 2. OWNER INFO	RMATION		_ 51 _ 3						
Land Owner		100 K	Well (Owner (check this box if Land C	wner and Well Owner are sa	me)			
FULL NAME OF COMPANY, ORGANIZ			FULL NA	AME OF COMPANY, GOVERNME	NT AGENCY, OR INDIVIDU	AL Dualita			
Grand Canyon F	Education, Inc.			izona Dept. of E	nvironmental C	L VALITY			
MAILING ADDRESS	100				La. Ct				
3300 W. Canell	s welc Kd.		CITY / S	110 W. Washing	TON 2 1.				
Phoenix, AZ	87017		Phoenix, AZ 85007 CONTACT PERSON NAME AND TITLE						
CONTACT PERSON NAME AND TITLE			CONTA	CT PERSON NAME AND TITLE					
Richard Oeste	-le Campus Developmen	tDir.	I	David Pettignew	, Project Di	rector			
TELEPHONE NUMBER	le Campus Developmen		TELEPH	IONE NUMBER	FAX	711			
602-639-6045	602-639-8987	2	David Pettignew, Project Director TELEPHONE NUMBER 602-771-4265 602-771-4346						
SECTION 3. DRILLING AU	THORIZATION	1 1 1 1							
Drilling Firm			Cons	ultant (if applicable)		- PLENONIE			
NAME Yellow Tacket	Dailling		CONSULTING FIRM TErraneat LLC						
DWR LICENSE NUMBER	ROC LICENSE CATEGORY		(c) location of						
78	A-4			Byron D. S	Schneid, RG				
TELEPHONE NUMBER	FA 602-453-375	78	TELEPH	IONE NUMBER	FAX UPD -URI -4	1799			
		00	EMAIL /	100 - 4100	700-116	. 3 ' '			
EMAIL ADDRESS beau @ y	idrilling. com		LIVIAIL	ADDRESS bschneidet	estament, net				
SECTION 4.				Example of the state of		FHANIA			
Questions		Yes	No	Explanation:		Service of the			
	he applicately and the beachale for			2-inch annular spaces are spe-					
 Are all annular spaces between the placement of grout at least 2 in 		X		in and near groundwater conta WQARF, DOD, LUST).	mination sites (such as CE	RCLA,			
	2			100-foot maximum screen inte	rvals are a special standard	d for wells			
2. Is the screened or perforated inte	rval of casing greater than 100		X	located in and near groundwater contamination sites (such as					
feet in length?				CERCLA, WQARF, DOD, LUS	in a vault. Pursuant to A A	GONIVINI			
3. Are you requesting a variance to		X		The wells must be constructed R12-15-801 (27) a "vault" is de	fined as a temper-resistant	Waterlight V . C			
of steel casing in the surface seal				structure used to complete a w	ell below the land surface.				
4. Is there another well name or ide	ntification number associated	X		If yes, please state MW -	6				
with this well? (e.g., MW-1, PZ2, 5. Have construction plans been con	ordinated with the Arizona	guarante l		If yes, please state agency cor	tact & phone number				
Department of Environmental Qua		X		Dave Pettignew	, 602-771-426	2			
de les 100 mar la 10 mar april al la company les	TO THE RESIDENCE OF THE PROPERTY OF THE PROPER		V	If yes, please state design pun	np capacity				

SI	SECTION 4.									
Q	uestions	Yes	No	Explanation:						
1.	Are all annular spaces between the casing(s) and the borehole for the placement of grout at least 2 inches?	X		2-inch annular spaces are special standards required for wells located in and near groundwater contamination sites (such as CERCLA, WQARF, DOD, LUST).						
2.	Is the screened or perforated interval of casing greater than 100 feet in length?		X	100-foot maximum screen intervals are a special standard for wells located in and near groundwater contamination sites (such as CERCLA, WQARF, DOD, LUST).						
3.	Are you requesting a variance to use thermoplastic casing in lieu of steel casing in the surface seal?	X		The wells must be constructed in a vault. Pursuant to A.A.G. R12-15-801 (27) a "vault" is defined as a tamper-resistant waterlight structure used to complete a well below the land surface.						
4.	Is there another well name or identification number associated with this well? (e.g., MW-1, PZ2, 06-04, etc.)	X		If yes, please state MW -6						
5.	Have construction plans been coordinated with the Arizona Department of Environmental Quality?	X		If yes, please state agency contact & phone number Dave Pettigrew, 602-771-4265						
6.	For monitor wells, is dedicated pump equipment to be installed?		\boxtimes	If yes, please state design pump capacity (Gallons per Minute)						
7.	Is this well a new well located in an Active Management Area AND intended to pump water for the purpose of remediating groundwater?		X	You must also file a supplemental form A.R.S. § 45-454(c) & (f) unless the well is a replacement well and the total number of operable wells on the site is not increasing. (See instructions)						
8.	Will the well registration number be stamped on the vault cover or on the upper part of the casing?	X		If no, where will the registration number be placed?						

Notice of Intent to Drill, Deepen, or Modify a Monitor / Piezometer / Environmental Well 55 - 225698 SECTION 6. WELL CONSTRUCTION DETAILS **Drill Method Grout Emplacement Method** Method of Well Development CHECK ONE CHECK ONE CHECK ONE Tremie Pumped (Recommended) Airlift Air Rotary Bail Gravity Bored or Augered Cable Tool Surge Block Pressure Grout Other (please specify): Surge Pump Dual Rotary Other (please specify): Surge + Bai Mud Rotary Reverse Circulation Method of Sealing at Reduction Points Surface or Conductor Casing Driven CHECK ONE CHECK ONE Jetted None None Flush Mount in a vault Air Percussion / Odex Tubing Extend 1' above grade Welded Other (please specify): Swedged DATE CONSTRUCTION TO BEGIN Packed 1/2/12016 Other (please specify): SECTION 7. PROPOSED WELL CONSTRUCTION PLAN (attach additional page if needed) Attach a well construction diagram labeling all specifications below. Borehole Casing MATERIAL TYPE (T) DEPTH FROM DEPTH FROM PERFORATION TYPE (T) SURFACE SURFACE MIRE WRAP IF OTHER IF OTHER STEEL PVC SLOT SIZE BOREHOLE OUTER ABS TYPE, DESCRIBE TYPE, DESCRIBE FROM TO FROM TO IF ANY DIAMETER DIAMETER (feet) (feet) (feet) (feet) (inches) (inches) (inches) 10" 85 4 0 115 0 X 411 0.02" 85 X 115 **Annular Material** FILTER PACK ANNULAR MATERIAL TYPE (T) **DEPTH FROM** BENTONITE SURFACE NEAT CEMENT OR CEMENT GROUT CEMENT-BENTONITE GROUT CONCRETE NONE SAND IF OTHER TYPE OF ANNULAR MATERIAL, PELLETS GROUT CHIPS SIZE FROM TO DESCRIBE (feet) (feet) 80 0 115 EXPECTED DEPTH TO WATER (Feet Below Ground Surface) IF THIS WELL HAS NESTED CASINGS, SPECIFY NUMBER OF CASING STRINGS 97 **SECTION 8. PERMISSION TO ACCESS** By checking this box, I hereby provide ADWR permission to enter the property for the purpose of taking water level measurements at this well. (See instructions.) SECTION 9. LAND OWNER AND WELL OWNER SIGNATURE I state that this notice is filed in compliance with A.R.S. § 45-596 and is complete and correct to the best of my knowledge and Land Owner Well Owner (if different from Land Owner; See instructions) PRINT NAME AND TITLE PRINT NAME AND TITLE Kichard Oesterle, Campus Development Director Dave Lettigree Director SIGNATURE OF WELL OWNER SIGNATURE OF LAND OWNER By checking this box, you agree to allow ADWR to contact you By checking this box, you agree to allow ADWR to contact you via electronic mail. via electronic mail. EMAIL ADDRESS EMAIL ADDRESS pettigrew. david@ azdeq.gov richard. oesterles quu. edu

WELL REGISTRATION NUMBER





ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

UNDERGROUND STORAGE TANK OFF-SITE ACCESS AGREEMENT

This Access Agreement (Agreement) is made and en	ntered into this day of							
, 2015 by and between Grand Canyon Educat								
the Arizona Department of Environmental Quality (ADEQ). Owner and ADEQ are collectively								
referred to herein as the Parties. "Property Owner" is the person, who	currently owns or has principal							
control of the property located at:								
Address: <u>2600 West Camelback Road</u>								
City: Phoenix, Arizona 85017	RECEIVED							
County: Maricopa								
Site Name: Planned GCU 27th Avenue Office Complex	DEC 7 - 2015							
LUST# and Facility#: <u>L# 1217.02, F# 0-000709</u>								
PARCEL#: 153-27-003A	I ADEO I							
	a prime region (CR)							

The "Property Owner" is the person, who currently owns or has principal control of the property listed above, which is situated in close proximity to a leaking underground storage tank (LUST #, FAC #) currently being investigated by ADEQ for potential soil and groundwater contamination. Access to the property for the purpose of collecting soil and or groundwater data will provide needed information to assist ADEQ in protecting human health and the environment.

ADEQ desires to cooperate with the Property Owner, by establishing the terms and conditions under which it or its representatives will enter onto the Property to conduct its investigative activities. The proposed activities may include groundwater well drilling and installation, soil sampling, remedial equipment installation and operation, water level measurements, groundwater sampling, and soil gas sampling.

The Property Owner holds title to the Property and agrees to cooperate with ADEQ and its duly authorized agents in the investigation and possible monitoring actions to be conducted upon the Property.

The Parties hereto agree as follows:

- 1. The Property Owner grants permission to ADEQ or its representative to have access to the Property to undertake corrective action to evaluate a potential impact related to a off-site release from an Underground Storage Tank (UST). A "Release", as defined by A.R.S. § 49-1001.17, of petroleum from a UST on or before 10/23/97. ADEQ agrees that reasonable notice will be given to the Property Owner prior to entrance onto the Property by ADEQ personnel or contractors.
- 2. ADEQ agrees to perform all work in a safe and workmanlike manner, which shall conform to professional standards and practices consistent with generally accepted industry standards and shall comply with all applicable federal, state, and local laws, statutes, rules, regulations, ordinances, and orders. Such work shall be free from defects or damage, and that its representatives will take all reasonable measures and precautions to minimize disruption of each and any businesses at the Site at

all times. ADEQ will coordinate onsite activities with Property Owner's operating business to minimize disruption. ADEQ is not financially responsible for business fluctuations during onsite activities.

- 3. All groundwater monitoring wells shall be completed with below ground surface vaults capable of supporting automobile and truck traffic in order to prevent interference with the businesses at the Property. It is expressly understood that ADEQ shall retain ownership of any and all groundwater monitoring wells and be responsible for compliance with any Department of Water Resources filings, with regard to the wells. ADEQ will be responsible for the proper well abandonment at completion of project.
- 4. Upon request, ADEQ will provide to Property Owner any information, not already provided, regarding sampling plans along with the analytical results of all samples taken and monitoring done, as well as any and all final reports generated by its representatives in reference to the Property.
- 5. ADEQ, or its representatives, will restore the Property to substantially the same conditions as existed prior to activities under this Agreement.
- 6. The Property Owner shall not be responsible for any theft of or damage to any property or equipment of ADEQ or its representatives unless resulting from the Property Owner's acts or omissions or the acts or omissions of its employees, agents, contractors, subcontractors or any other person acting on behalf of the Property Owner.
- 7. No Indemnity, Owner and ADEQ are responsible for only their own negligence in connection with the activities conducted on the property.
- 8. This Agreement may be cancelled by the ADEQ Director pursuant to A.R.S. §38-511.
- 9. In the event of a dispute, the Parties agree to use arbitration to the extent required by A.R.S. §12-1518.

1518.			
This Agreement shall be effective as of the _	3 ⁸² day of	DECEMBER	, 2015.
BY: Print Name & Authority			
BY: Del Tuto			

Tara Rosie, Manager

Signature

UST Corrective Action Section

Waste Programs Division

Arizona Department of Environmental Quality

Printed: 1/8/2016 2:29:19 PM

Arizona Department of Water Resources

3550 N Central Ave. Phoenix AZ 85012

Customer:

BE & K. / TERRANEXT LLC

4050 E COTTON CENTER BLVD, STE

73

PHOENIX, AZ 85040

Receipt #:

16-43267

Office:

MAIN OFFICE

Receipt Date: 01/08/2016

Sale Type:

IN_PERSON

Cashier:

WRPXA

Item No.	Index	AOBJ	Description	Ref ID	Qty	Unit Price	Ext Price
67488	15245	4439-TT	Notice of intention to drill a well other well described in subsection (A)(1)(h) Section		1	150.00	150.00
	3 F-34 S				RECEIPT TOTAL:		150.00

Payment type: CHECK

Amount Paid: \$150.00

Check # 1939

Payment Received Date: 01/08/2016

Notes: FROM TTA.

ARIZONA DEPARTMENT of WATER RESOURCES

3550 North Central Avenue, Second Floor Phoenix, AZ 85012 602-771-8500 azwater.gov

January 12, 2016

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY 1110 W. WASHINGTON STREET ATTN: DAVID PETTIGREW, STATE LEAD SECTIO PHOENIX, AZ 85007

Registration No. 55- 225698 File Number: A(2-2) 13 CCC

Dear Well Applicant:



DOUGLAS A. DUCEY Governor

THOMAS BUSCHATZKE Director

Enclosed is a copy of the Notice of Intention to Drill (NOI) a well which you or your driller recently filed with the Department of Water Resources. This letter is to inform you that the Department has approved the NOI and has mailed, or made available for download, a drilling authorization card to your designated well drilling contractor. The driller may not begin drilling until he/she has received the authorization, and must keep it in their possession at the well site during drilling. Although the issuance of this drill card authorizes you to drill the proposed well under state law, the drilling of the well may be subject to restrictions or regulations imposed by other entities.

Well drilling activities must be completed within one year after the date the NOI was filed with the Department. If drilling is not completed within one year, a new NOI must be filed and authorization from this Department received before proceeding with drilling. If the well cannot be successfully completed as initially intended (dry hole, cave in, lost tools, etc.), the well must be properly abandoned and a Well Abandonment Completion Report must be filed by your driller [as required by A.A.C. R12-15-816(F)].

If you change drillers, you must notify the Department of the new driller's identity on a Request to Change Well Information (form 55-71A). Please ensure that the new driller is licensed by the Department to drill the type of well you require. A new driller may not begin drilling until he/she receives a new drilling authorization card from the Department.

If you find it necessary to change the location of the proposed well(s), you may not proceed with drilling until you file an amended NOI with the Department. An amended drilling authorization card will then be issued to the well drilling contractor, which must be in their possession before drilling begins.

Arizona statute [A.R.S. § 45-600] requires registered well owners to file a Pump Installation Completion Report (form 55-56) with the Department within 30 days after the installation of pumping equipment, if authorized. A blank report is enclosed for your convenience. State statute also requires the driller to file a complete and accurate Well Drillers Report and Well Log (form 55-55) within 30 days after completion of drilling. A blank report form was provided to your driller with the drilling authorization card. You should insist and ensure that all of the required reports are accurately completed and timely filed with the Department.

Please be advised that Arizona statute [A.R.S. § 45-593(C)] requires a registered well owner to notify the Department of a change in ownership of the well and/or information pertaining to the physical characteristics of the well in order to keep this well registration file current and accurate. Any change in well information or a request to change well driller must be filed on a Request to Change Well Information form (form 55-71A) that may be downloaded from the ADWR Internet website at www.azwater.gov.

Sincerely,

Groundwater Permitting and Wells Section

Mind Mich

ARIZONA DEPARTMENT OF WATER RESOURCES

3550 North Central Avenue, Second Floor Phoenix, Arizona 85012

VARIANCE GRANTED

NOTICE! This well is located in or near an area of groundwater contamination (WQARF/CERCLA/DOD or Other). Be advised that special requirements may apply.

THIS AUTHORIZATION SHALL BE IN POSSESSION OF THE DRILLER DURING ALL DRILLING OPERATIONS

WELL REGISTRATION NO: 55-225698

AUTHORIZED DRILLER: YELLOW JACKET DRILLING SERVICES, LLC

LICENSE NO: 78

NOTICE OF INTENTION TO DRILL ENV - MONITOR WELL(S) HAS BEEN FILED WITH THE DEPARTMENT BY:

WELL OWNER: ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY 1110 W. WASHINGTON STREET ATTN: DAVID PETTIGREV STATE LEAD SECTIO PHOENIX, AZ, 85007

THE WELL(S) IS/ARE TO BE LOCATED IN THE:

SW 1/4 of the SW 1/4 of the SW 1/4 Section 13 Township 2.0 NORTH Range 2.0 EAST

NO. OF WELLS IN THIS PROJECT: 1

ASSESSOR'S PARCEL NO: 153-27-003A

THIS AUTHORIZATION EXPIRES AT MIDNIGHT ON THE DAY OF January 8, 2017

GROUNDWATER PERMITTING AND WELLS

Manie Mich

THE DRILLER MUST FILE A LOG OF THE WELL WITHIN 30 DAYS OF COMPLETION OF DRILLING.

